

**REMARKS**

**I. Pending Claims**

Claims 1-19 are pending in this application. Claims 7-8 are hereby canceled in view of the non-election of these claims, but Applicants reserve the rights to pursue these claims in a divisional application. Claims 2, 6, and 10-12 are amended.

**II. Status of Claims**

Claims 2-6, 9-13, 18 and 19 are objected to because of some minor informalities.  
Claims 2, 6, and 10-12 are amended to correct any perceived ambiguity.

**III. Restriction/Election**

The Examiner has required restriction to one of the following inventive groups:

**Group I**, claims 1-6 and 9-19, drawn to a state of charge estimator for a battery; and

**Group II**, claims 7 and 8, drawn to first and second state of charge estimators with a switching unit.

Applicants herein elect Group I as set forth in the Restriction Requirement dated June 29, 2007, without traverse. The claims within the elected invention which read on Group I, are claims 1-6 and 9-19. Applicants have canceled non-elected claims in Group I, but retain the right to pursue these canceled claims in a divisional application.

**IV. Conclusion**

The Examiner is invited to contact the undersigned to discuss any issues related to the application. An early and favorable action on the merits is earnestly solicited.

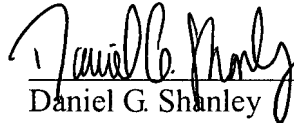
Should there be any questions concerning this matter, the Examiner is invited to contact the Applicant's undersigned attorney.

The Commissioner is authorized to charge any fees or credit any overpayments which may be incurred in connection with this paper under 37 C.F.R. §§ 1.16 or 1.17 to Deposit Account No. 11-0600.

Respectfully submitted,

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By:

  
Daniel G. Shanley  
Reg. No. 54,863

KENYON & KENYON LLP  
1500 K Street, N.W., Suite 700  
Washington, D.C. 20005  
Tel: (202) 220-4200  
Fax: (202) 220-4201